

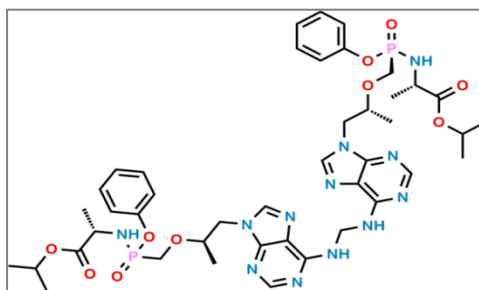
Analysis Date: 04-11-2025

Re-test Date: 04-11-2028

TENOFOVIR ALAFENAMIDE DIMER IMPURITY 1

Identification

Chemical Name	: Isopropyl (((((R)-1-(6-(((9-((R)-2-(((S)-((S)-1-isopropoxy-1-oxopropan-2-yl)amino)(phenoxy)phosphoryl)methoxy)propyl)-9H-purin-6-yl)amino)methyl)amino)-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)-L-alaninate
CAT No	: ALL-TENO-46
CAS No	: N.A.
Molecular Formula	: C43H58N12O10P2
Molecular Weight	: 965.0



Analytical Information

Batch No.	: ALL-TENO-46	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 95.92%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.399 %	1HNMR	: Confirm
Residue Of Ignition	: 0.716 %		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.399 + 0.716) \times 98.00] / 100 = 95.92\%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office